

ABSTRACT OF THE DISCLOSURE

A residual amount detecting device for detecting information concerning a residual amount of recording medium. The residual amount detecting
5 device includes an external force applying unit that applies an external force to a recording medium group in a thickness direction thereof and an external force detecting unit that detects the external force applied to the recording medium group. The external
10 force detecting unit is disposed such that the recording medium group is set in a position between the external force applying unit and the external force detecting unit. With the residual amount detecting device, it is possible to detect
15 information concerning the residual amount of a recording medium even before using up the recording medium group stacked in an image forming apparatus.